

Rec'd T/PTO 12 MAY 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of

KAGARLIS, Marios

Atty. Ref.: 1652-28

Serial No.: 10/526,878

TC/A.U.: Unassigned

Filed: March 7, 2005

Examiner: Unassigned

For: MOVEMENT OF AN AUTONOMOUS ENTITY THROUGH AN
ENVIRONMENT

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May 12, 2005

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below.

1. ☒ This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement under 37 C.F.R. § 1.97(e) or fee is required. In the event, a first Office Action has been mailed prior to filing of the present Information Disclosure Statement, the Office is requested to treat the present paper as a submission under 37 C.F.R. § 1.97(c) and charge the undersigned's Deposit Account No. 14-1140 for the fee required by 37 C.F.R. § 1.17(p). **The present paper is submitted in duplicate for this purpose.**

2. ☐ This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

- a. ☐ I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- b. ☐ I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- c. ☐ Attached is our check in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

3. ☐ This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered. Attached is our check for \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).


- a. ☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- b. ☐ I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
4. ☐ Relevance of the non-English language document(s) is discussed in the present specification.
5. ☐ A concise explanation of the relevance of the non-English language document(s) appears below:
6. ☐ The Examiner's attention is directed to co-pending U.S. Patent Application No. , filed , which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.
7. ☒ The documents were cited in a corresponding PCT application. An English-language version of the search report is attached for the Examiner's information.
- It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

KAGARLIS
Serial No.: 10/526,878

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 14-1140 referencing docket number 1652-15.

Respectfully submitted,

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ATTY. DOCKET NO.

1652-28

10/526,878

APPLICANT

KAGARLIS

(Use several sheets if necessary)

FILING DATE

TC/A.U.

March 7, 2005

Unassigned

[illegible][illegible]

	Goldenstein et al., "Scalable Dynamical Systems for Multi-Agent Steering and Simulation," <i>Proceedings of the 2001 IEEE International Conference on Robotics & Automation</i> , South Korea, May 21-26, 2001, pp. 3973-3980.
	Hosoi, et al., "Dynamical Model of a Pedestrian in a Crowd," <i>IEEE International Workshop on Robot and Human Communication</i> , Tsukuba, Japan, November 11-14, 1996, pp. 44-49.
	Helbing et al., "Social force model for pedestrian dynamics," <i>Physical Review E</i> , Vol. 51, No. 5, May 1995, pp. 4282-4286.

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.